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Mauna Loa Solar Observatory Observer's Log  
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Mon Nov 14 16:37:04 GMT 2016

Year: 16 Doy: 319

Observer: berkey

WEATHER COMMENT: berkey: Mon Nov 14 16:37:10 GMT 2016

Temp: 43.1f, Humidity: 23%, Pressure: 28.711in, Wind: 18mph from 138degs, Skies: Clear

\_\_\_\_end\_\_\_\_

Mon Nov 14 17:29:50 GMT 2016 CoMP occulter has been re-centered

Mon Nov 14 17:32:38 GMT 2016 Kcor Focus/alignment program exited

Mon Nov 14 17:34:47 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk

Mon Nov 14 17:37:45 GMT 2016 KCOR Start Synoptic Patrol

Mon Nov 14 18:17:10 GMT 2016 Kcor sees an SGS Guiding Error closing lens cover

Mon Nov 14 18:17:11 GMT 2016 KCOR End Patrol

Mon Nov 14 18:21:01 GMT 2016 KCOR Start Synoptic Patrol

GENERAL COMMENT BY berkey: Mon Nov 14 18:22:13 GMT 2016

Moved the dome shutter around to reduce windage on the spar.

\_\_\_\_end\_\_\_\_

Mon Nov 14 20:15:40 GMT 2016 COMP End Patrol

Mon Nov 14 20:15:41 GMT 2016 COMP Start Patrol on cookbook: waves-00001.cbk

Mon Nov 14 21:26:18 GMT 2016 Kcor sees an SGS Guiding Error closing lens cover

Mon Nov 14 21:26:19 GMT 2016 KCOR End Patrol

Mon Nov 14 21:30:57 GMT 2016 KCOR Start Synoptic Patrol

Mon Nov 14 21:47:06 GMT 2016 KCOR End Patrol

Mon Nov 14 21:47:22 GMT 2016 COMP End Patrol

Mon Nov 14 21:48:57 GMT 2016 CoMP occulter has been re-centered

Mon Nov 14 21:48:59 GMT 2016 COMP Start Patrol on cookbook: waves-00001.cbk

Mon Nov 14 21:49:48 GMT 2016 COMP End Patrol

Mon Nov 14 21:49:49 GMT 2016 COMP Start Patrol on cookbook: synoptic-00007.cbk

Mon Nov 14 21:49:55 GMT 2016 Kcor Focus/alignment program exited

Mon Nov 14 21:56:02 GMT 2016 KCOR Start Synoptic Patrol

Mon Nov 14 21:56:05 GMT 2016 KCOR End Patrol

Mon Nov 14 21:56:05 GMT 2016 KCOR Start Calibration script: c:\kcor\mlso-calibration22deg-20150323.ini

Mon Nov 14 22:13:10 GMT 2016 KCOR End Calibration Script

Mon Nov 14 22:13:27 GMT 2016 KCOR Start Synoptic Patrol

Mon Nov 14 22:13:28 GMT 2016 KCOR Start Synoptic Patrol

Tue Nov 15 00:30:46 GMT 2016 COMP End Patrol

Tue Nov 15 00:30:48 GMT 2016 COMP Start Patrol on cookbook: waves-00001.cbk

GENERAL COMMENT BY berkey: Tue Nov 15 01:55:16 GMT 2016

Stopping data collection for an SGS test.

\_\_\_\_end\_\_\_\_

Tue Nov 15 01:55:28 GMT 2016 KCOR End Patrol

Tue Nov 15 01:55:52 GMT 2016 COMP End Patrol

Tue Nov 15 01:56:37 GMT 2016 Kcor Focus/alignment program exited

Tue Nov 15 02:44:49 GMT 2016 Kcor Focus/alignment program exited

GENERAL COMMENT BY berkey: Tue Nov 15 02:57:19 GMT 2016

The spare guider has been temporarily installed on the spar near the middle of the Chromag face.

The guider was tested with the SGS electroics and seems to work with resonable proformance; after swapping the inputs in QUAD CELL filter samples.vi.

Note on the south face quad cell output

0 maps to (-RA)

1 maps to (+DEC)

On the Chromag face

0 maps to (+DEC)

1 maps to (+RA)

Once we could guide with the temp scope, it was mechanically aligned to Kcor. To be ready for future testing to see if the alignment changes over the next couple days.

Hardware has been reverted to the standard guider. Testing shows nonimal operation.

\_\_\_\_end\_\_\_\_